

OREGON TUALATIN VALLEY AMATEUR RADIO CLUB



An ARRL Special Service Club

November 1991

Next Meeting November 13, 1991

Presidents Corner

By Ray Deeth, K7VDQ

With elections just one month away, it means my term as your president will become history. It has been a most rewarding experience in Amateur Radio Service.

There are several challenging proposals for the new President and Executive Board to enhance the club's objectives in the Amateur Radio Service of our community. In January of this year I appointed a nominating committee in hopes that more than one dedicated individual would run for president.

Therefore, it is my sincere hope you as concerned members have cooperated with the committee in fulfilling this request. I know we have many qualified individuals who can lead OTVARC to face many new challenges in the Amateur Radio Service of the 90's.

Whoever is elected president for 1992, I would like to inform the nominees that you have my full support in assisting them as long as it takes to become knowledgeable with the office of President. In the past three years this club has gained many new enthusiastic HAMS who are asking for guidance as they learn an exciting new hobby.

In addition we have gained new members who have a lot of technical expertise and leadership abilities to offer one of the largest and active clubs in the area. My last comment would be that this team has had a winning season each year the past three years and as your outgoing coach, I'm very proud to have been a part of this hard working and fun loving team.

Of course the coach must have an excellent staff

and my staff must be recognized for their many dedicated hours of leadership.

I wish to report that BINGO on Sunday nights has been most rewarding this year. By the time this goes to print, approximate income for the club will be \$220.00.

The Sunday before thanksgiving, the blackout pot (Last game of the evening) prize will be money and a TURKEY. Come join the fun!

Time: 5 P.M. to 8 P.M.

Place: Ye Olde Dingheiser, Rt. 26, Manning, OR.

Date: Every Sunday

Information: Call K7VDQ, Ray, 324-4502

Portable Operation With Packet Radio

By Paul Schaff, WB7BBG

The ARRL publication Your Gateway to Packet Radio states "Packet radio is best for large amounts of information, information requiring hard copy, complicated information with difficult spelling (names) or lots of numbers (addresses and telephone numbers) and information requiring some privacy or security. Voice communication is best for information that is tactical, uncomplicated and concise."

That paragraph summarizes very well why use of packet radio for communications in public events, disasters and emergencies has come into prominence in the past few years, especially in the event of flooding, earthquakes, hurricanes and forest fires. Error free transmission that can then be easily re-transmitted or reproduced is of greatest value in

(Continued on page 4)

From The Editors Desk

By Alan Churchill, AA7CV

From the Editors desk:

What a great month it has been. I have received 14 phone calls at home with story ideas and actual stories from you, our members, to put in this newsletter. Thanks for your help and interest.

It is something of a miracle that you are reading this. Jeff Durr had to leave the country late in the month so this newsletter was done in a hurry up fashion. Jeff stayed up burning the midnight oil to get this one out. He dropped the October original off at my house at 11:30 PM last month. A big thanks to Jeff.



The California QSO party was a blast. I talked to 15 counties in about 20 minutes. It was just like field day all over again. It made me want to go out and buy a log for the upcoming 2 meter turkey shoot.

Check out the interest index for this month. As you can see, we have some holes in the "information base". Please feel free to call me any time with tidbits of information. Remember, we have only 23 issues left to make this the best newsletter in the country. Your ideas count.

Don't forget the classified section. Classified advertising is free to members. If you don't call me today, I can't get you any money (for your old gear).

Tip for the month: Keep your plate current below 1 Amp for longer tube life. 73,

Alan Churchill AA7CV

OTVARC Newsletter Interest Index for November

<u>Topic</u>	<u>Ranking</u>	<u>Topic</u>	<u>Ranking</u>
Advertising	1	New Hams & Upgrades	0
Board Meeting Minutes	2	Packet Radio	2
Builders Corner	0	President's Corner	1
Calendar of Coming Events	1	Public Service	2
Classified Ads	0	Remember When?	3
Correspondence	0	Station of the Month	2
Contest Tips & News	1	Technical Quiz & Tips	0
DX Tips & News	0	Testing Schedule & News	2
Emergency Preparedness News	0	Travelers Plans & Reports	0
Help Needed or Available	0	Two Meters & Up	0

Total for the Month = 17

0 = No entry, 1 = Brief Article, 2 = Complete Article

Items Of Interest

Board Meeting

The location of the November Board meeting will be the Hallmark Inn Restaurant. It is across from the Hillsboro airport. Time is 7PM. Date is November 6. All members are invited.

Ticket Sales

The December Holiday Festival will soon be here. Tickets are available from any board member or at the November meeting. Only \$8. This is definitely the best holiday party bargain you will see. The Festival will be at the normal meeting location.

Code Teacher Needed

Do you know code up to 20 WPM? Well a lot of us don't and we need your help. We need a code teacher for the PCC class which will start soon. Contact Bill Vesser at 644-3739 for details. Please help.

Technical Leader needed

Do you actually understand this radio stuff? Well, our project night needs a good technical person to help. Terry Biggs has served us well for a long time but needs a break. We need someone to help Dee Lynch with the duties. Call Dee or any of the club officers for details.

VHF Radios Needed

We are still looking for a VHF and a UHF radio for club emergency use. Contact any officer or board members.

Computer Needed

We are still looking for a good used or new IBM compatible computer to use for club business. If you know where a good one is or have one you would like to give or sell to the club, contact any officer or board member

Club Scrapbook Items Wanted

As some of you know I am keeping a scrap book of OTVARC events. I need your help. If you have any prints of any events please bring them to the club meeting or mail them to my house. I need the names of the people and the event so if you would right them on a separate piece of paper I would appreciate it. - Thank you, Cheryl, N7SXO

Holiday Houdini to Razzle-Dazzle OTVARC

Master Magician Stan Greer will make happy spirits magically appear at the Holiday Party at the Valley Conference Center. Come and bring your favorite person as a guest. Dinners will be \$8.00 each and will be your choice of Lasagna or Chicken Zinfandel. Tickets will be on sale at the November meeting. If you would like to help with decorating or other related activities, call Janet Bell WB7FJC at 648-8821 days or 648-4147 evenings.

Upcoming Ham Test Sessions

By Alan, KO7B

Test sessions are scheduled in conjunction with the upgrade classes being taught by Bill Vesser at Cedar Park School. The test sessions will not be limited to those in the class. Walk-ins will be welcome. All levels of testing will be offered. Those wishing to take tests will need to bring the following items to the test session:

- Drivers license. If you don't have a drivers license, you will need either a photo ID or two other pieces of ID which show that you are the named test candidate and that your address is the same as that used on the Form 610.
- A check in the amount of \$5.25, payable to "ARRL / VEC".
- Your original license (if you have one) along with one copy. Also bring the originals for any upgrade certificates which have not been reflected in your current license class.
- A filled out Form 610. Blank forms will be available at the test session and at the November OTVARC meeting(see Alan, KO7B).

<u>Date</u>	<u>Registration</u>	<u>Doors Close</u>	<u>Location</u>	<u>Contact</u>	<u>Phone</u>
November 2	9:30 A.M.	10:00 A.M.	Mt. Hood CC 26000 S.E. Stark	Buck Summers WT7S	760-7545
November 21	6:30 P.M.	7:00 P.M.	Cedar Park School	Ray Deeth K7VDQ	324-4502
December 12	6:30 P.M.	7:00 P.M.	Cedar Park School	Ray Deeth K7VDQ	324-4502

Emergency Service

By Randy Stimson, KZ7T

During the fires in Grants Pass and many other fires around the area the US Forest Service can't let the hams help, I have been trying to get an agreement with them for a long time. The reason they couldn't let us help was they had to have us on the pay roll before the insurance would be effective.

Well it happened this year. A fellow ham that works for the Forest Service found a clause in their procedures that will allow volunteers to help and be under their insurance. Delvin is his name and he has come up with a draft of Memorandum Of Understanding for the ham community. He is the coordinator for Washington and Oregon so we will need to get the two Section Managers as well as Mary Lewis involved.

This agreement will involve more than just the Forest Service. There are other land management services such as the Bureau of Land Management, National Parks, Fish and Wildlife Service and Bureau of Indian Affairs. I can see where this could be a big feather in our cap if we pull it off and do a good job.

When I talked to Delvin he said they had the best communication in the nation even better than the US Government but there were some places that they couldn't communicate and that is where I said that we could and he agreed.

We will not be called out on every situation but only when they have a problem communicating. I know that we are one of the few groups that can talk between different organization and that is where we will shine. What I mean is that these organizations have different frequencies and they have no way of communicating between themselves but we can put hams with all of the organizations and do the job.

What we need to do is to get a ARES group in OTVARC. Get a calling tree and practice. We have a good Emergency Coordinator, Ben N7OGM, here in Washington County and I know he would be more that happy to help us get going. I will keep you up on the happenings and when it is finalized I will get the Club a copy of the agreement.

*(Portable Operation with Packet Radio -
Continued from page 1)*

those situations. Several members of OTVARC have been using small, easily portable packet stations for this purpose over the past several years. Lap-Top computers, small TNCs and 25-50 watt 2-meter transceivers - all of which can be operated on emergency power - have simplified station set-up.

Area nodes and BBSs are usually used for the traffic but station to station operation has also been used. A unique feature of packet TNCs is the ability to serve as a digipeater which could be (and has been!) of importance in case of node failure.

Tandy 101/102 computers are particularly suited to this type of operation because of the built-in modem, word processing programs and the ease of up loading and down loading files. We have found that the use of two compatible computers greatly simplifies handling of large files as one computer can always be on-line while lists and messages are being entered on the other machine.

Most of our operations have been for emergency drills in connection with disaster scenarios for the State of Oregon Office of Emergency Management, county drills, and the American Red Cross. Setting-up and operating these stations has been a lot of fun and we have a good chance to learn what is needed and how to do it rapidly and efficiently. Come join us for some hands-on experience at one of our next exercises. You will enjoy it. OTVARC members taking part have been KF7QS, N7OGM and WB7BBG.



RAY DEETH

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Retailer Spotlight

By Alan Churchill, AA7CV

This month we will go on a visit to Portland's newest ham radio dealer - Ham Radio Outlet.

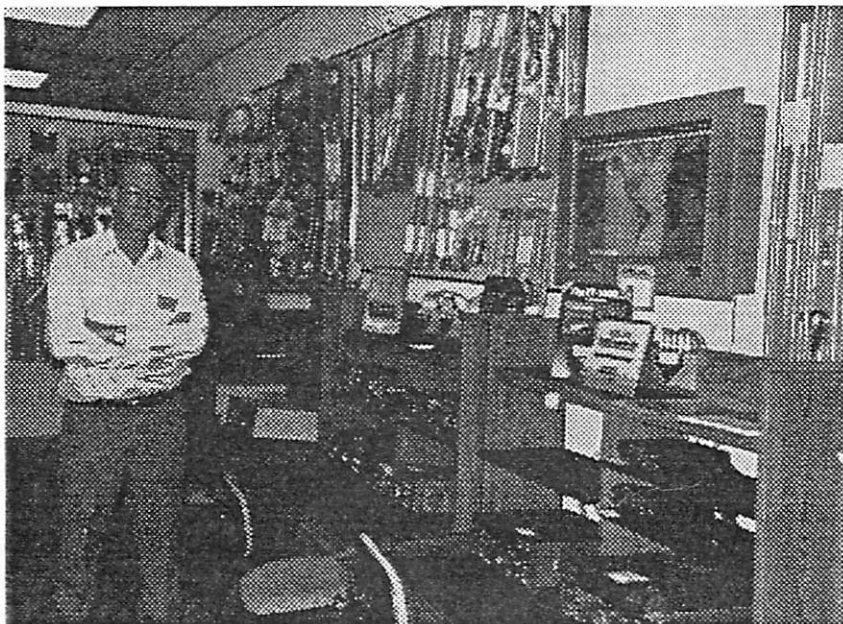
Let's say we were going into business and had targeted ham radio operators who want to save a buck as our primary prospect base. What could we name our company? What could be better than Ham Radio Outlet? Well, they did and it worked.

The Tigard store is the 11th one in the growing chain. These folks have ham radio gear down to a science. They stock Icom, Kenwood, Yeasu, Ten Tec and many other popular brands. You wanted a good price you say? With 11 stores buying, the manufactures stand up and take notice when the purchasing agent for HRO calls.

The Tigard store is headed up by Earl Reinoehl, KE7OA. There are currently 4 hams on staff and Earl is looking for one more really good person to be fully staffed. If you were there during the open house (ICOM Day), you would know that they needed about 30 more salespeople that day. They sell through mail order, phone and in person.

The salespeople at HRO, (Ray, Bill and Jack) are really something. Can you imagine knowing everything about each model of all the major brands of ham gear? Well, that is part of the job. If they don't know the answer, they will pick up the phone to the factory. These are not shy people when it comes to customer service.

Hours are from 10 A.M. to 5:30 P.M. six days a week. If you are interested in a new rig, drop in and talk with Earl, Ray, Bill or Jack. You'll be impressed at just how much there really is to know about the newest gear on the market.



Earl, KE7OA, Stand in front of a large display of ham gear at the new Tigard HRO store.

Radio Operators to 'Ham it Up' at Parade

By Matt Buckingham of the Times
(Reprinted from the Valley Times)

Rick Schouweiler and Al Berg plan to ham it up at the 1991 Good Neighbor Days Parade.

Not as street clowns or pooper scoopers but as amateur radio operators with the Oregon Tualatin Valley Amateur Radio Club.

Club members have volunteered to provide field communications for the September 14 parade beginning at 10 AM in Griffith Park.

Amateur radio operators, or hams, as they like to be called, have kept the Good Neighbor Days Parade running safely and smoothly through the streets of Beaverton for at least four or five years, Schouweiler said.

"I inherited it from a couple of other people," he said, "and we used to have a booth at Good Neighbor Days." In 1985, Good Neighbor Days coincided with a catastrophic earthquake in Mexico City registering 8.1 on the Richter scale.

Festival goers watched as hams checked on the health and welfare of earthquake victims for their relatives in the states by contacting hams south of the border in Mexico.

"This showed people what we really do," Berg said.

This year, The radio club's job will be less dramatic but no less important. Five hams with hand-held transceivers will be assigned to positions along the parade route, and will coordinate spacing between floats, Schouweiler said.

The club will also pass on the names of award-winning entries from the judging area in Griffith Park to a Tualatin Valley Community Access television crew at Southwest Fifth Street and Hall Boulevard.

This information will allow the producers taping the

parade to keep up a running commentary about floats as they pass, Schouweiler said.

The 1991 Good Neighbor Days Parade isn't the only event getting a hand from volunteers at the Oregon Tualatin Valley Amateur Radio Club. In fact, it's not the only event that weekend.

Club members will also assist with communications at Cycle Oregon, a weeklong bicycle trip that tours the length of the state, Schouweiler said. The parade and bicycle tour coincide this year.

Hams accompany cyclists on the tour and coordinate emergency assistance if a rider is injured along the route. "We can communicate better and a lot faster than the police in a lot of cases," Berg said.

In addition to Cycle Oregon and the Beaverton Good Neighbor Days Parade, club members assist the Portland Rose Festival Parade, the festival's Starlight Parade and the Hood-to-Coast Relay. They even find lost children at Artquake, Berg said.

Schouweiler and Berg estimate that club members donate at least 4,000 volunteer hours a year, including about 2,000 hours for Cycle Oregon alone. Voluntarism is what "amateur" radio is all about, Schouweiler said.

"The thing I like about it is that it's all private. What we do is all for radio out of donated time," he said. "We just want publicity (for the club). We want people to know we're out there."

The Oregon Tualatin Valley Amateur Radio Club boasts 250 members from the Beaverton and Portland areas. A regional conference in Seaside this year drew 3,000 hams from all over the Pacific Northwest, Berg said.

Electronics enthusiasts interested in amateur radio can find out how to obtain a license and join a club by talking to veterans of the hobby at Portland Radio Supply at 234 S.E. Grand Ave., Berg said.

"A ham who doesn't get involved with a club is making a mistake," he said. "There are so many people to meet, instant friends."

Cycle Oregon IV

By Randy Stimson, KZ7T

Well Cycle Oregon IV is over and I have rested enough to start thinking about Cycle Oregon V. For a little back ground, Cycle Oregon was started by the Tourist Division in the State of Oregon. Its purpose was to promote Oregon and bring in more tourists. From all that I can gather it has succeeded. The hams didn't help the first year because of the National Convention here in Portland but since then we have been their communication.

Cycle Oregon IV was the longest of the four. It was 580 miles. It started in Beaverton and finished in Hood River. There were 2049 riders. We had the Oregon State Patrol, Buck Ambulance, Fred Meyers a host of Bicycle repair companies, the porta potties and showers. By the way the shower people were capable of showering all 2000+ every night. Fred Meyers has four tractors with double trailers just to haul all of the gear. They also had a refrigerator truck to furnish the riders with fresh apples, oranges and bananas. Fred Meyers really puts out a lot of effort on helping this event. They also sell all of the food for the meals to the communities at a reduced price to help them.

Now to the hams. Most of us worked a minimum of 12 to 14 hours a day and the surprising thing was that the days went so fast that before you knew it, it was Friday. Some interesting notes. The man that had the best job was Lynn, WB7UNU, he got to ride with Clyde. Lynn told me that if he couldn't have Clyde next year---- well ask Lynn. There were porta potties mounted on trailers and they would be at the water stops.

Well I was at a water stop and this fellow wanted to back out and get to the next stop so I told him that I would stop traffic while he backed out. He came zipping out and slammed on the brakes. In doing so all of the stuff including do do came flying out the door and landed on the highway. I made a quick move just in time to miss the flying do do. I think that I was so excited that I might have used the wrong words when I reported the incident on the radio.

Then there was Jim, KB7ADH, that got so tired that when he was IDing he said this is KB7IDH for AD. The State Patrol had a hard time with communication and asked if we would put a ham in with him next year. Even though we had 13 hams this year we will probably need more for next year so if you would like to spend 12 hours a day for seven days and keep smiling you might give me a call. All of the hams that worked it this year get the first right of refusal, except Lynn, for next year. I would like Lynn to talk about his adventure at the next club meeting if we could find time.

Susan's, N7EPE, voice seems just to terrorize a mike. It must be the tone of something in her voice. You can't hardly understand her but any one else on the same mike in the same place at the same time is just fine. Well we figured out that if she would back off of the mike it helped. So we would keep telling her to back off and back off and back off. One day I called her and she didn't answer right back and I asked her why. The reason was they had to stop the van and she had to go across the highway to get far enough away from the mike. Well it wasn't quite that bad but almost.

Don, W7JRT, decided to camp with the riders one night and that was fine until we needed him the next morning. Have you ever tried to find a tent among 2000 tents when you didn't know what it looked like. I made many people mad running around calling Don. It reminded me of the K-Mart ad where the fellow is looking for his wife.

All kidding aside I enjoyed the event. I can't remember working with a better group of hams. They were all very professional under very strenuous situation. These are the team members of Cycle Oregon IV. Jim KB7ADH, Susan N7EPE, Dale W7FBP, Ken W7DYX, Carol WA7YEC, Minor KD7YJ, Ames N7NPD, Lynn WB7UNU, Don WA7JRT, Tom KG7RD, Larry K7YBZ and Cheryl N7SXO.

The Station Of The Month

W7NI and KA7UFG

By Alan Churchill, AA7CV

I only THOUGHT I had seen a big station. Then came W7NI & KA7UFG. Wholly smokes, you wouldn't believe it. Before we get into the station, lets learn a little bit about the rest of the goodies at Stan and Pat Griffiths QTH.

We'll start with the antennas. I counted 9 yagis and 7 others on 3 towers. Included in this count is a complete OSCAR antenna. The antennas range from 160 meters to 440 MHz. Not up yet is a 50 foot dish that Stan and Lynn Hurd are working on. Once complete, this could be the largest amateur radio dish in the U.S.

This baby will be used for "moonbang" with a 10 GHz transmitter that will be built by Tom Hill, WA3RMX. The antenna is so large, that it has a "light duty" base of over 8 yards of concrete. The wind load is near 2000 sq ft. This is equivalent to 100 20 meter beams. So much for outside.



Stan, W7NI, shown at the operating position of his station.

Inside, the shack really consists of 3 different rooms. We have your parts warehouse, repair shop and ham shack. This layout allowed Stan & Pat to operate a tower business out of their shack without ever being too far away from DX. The parts warehouse has EVERYTHING you need to build anything. Gads, there are boxes and boxes and boxes of parts plus reels of transmission wire.

The second room is the repair shop. Here we have about 20 scopes in various stages of repair, multiple transmitters, amplifiers, computers and shelves of books. When Stan wants to build something, he doesn't lack for workroom.

The shack is in room #3. This one is easy to spot because it is the one with 20 some coax cables entering through the wall. Here we have the TS830S, Heath amp and the BIG BERTHA amp. Also close at hand is the Packet station, the computer with plotter and a coax switch like you have never seen. We fired up the station and picked off a Russian station on the first call. Big power and a 5 element 20 meter beam is an awesome thing to see in action. When the foot switch is pushed, you KNOW you are on the air.

No station would be complete without emergency standby power so of course Stan and Pat have a little generator out back to run this whole thing during our upcoming earthquake. It is the size of a pickup truck. That about wraps it up. This super station shows us all that if we learn just a little more about our hobby each day, it is possible to create something really extraordinary.

WATCH THIS SPACE NEXT MONTH FOR NEWS THAT WILL CHANGE HAM RADIO IN PORTLAND FOREVER!

What's So Darn Interesting About Ham Radio?

We all know that our hobby is really interesting. But, why does SW listening appeal to some, LF work grabs the interest of others and HF, UHF, Digital, TV, and OSCAR commands hour long discussions for yet others? Just why is our hobby so interesting? Well, as we all know, it is different for each of us. This month we are doing a little survey to see just how many of us are involved in each of the different aspects of ham radio. Take a minute right now to check off each of questions below. Then, bring this sheet of paper to the next club meeting and put it in the box at the front door (or mail it). We'll publish the statistical results in a future article. No names please. We are just looking for statistical info.

1. How many years have you been licensed? Less Than 1 Yr
2. What age were you licensed and what age are you now? 57
3. What is your favorite mode? A1, A3J, etc. _____
4. What is your code speed up to? _____
5. What percent of your station is homebrew? ~
6. What brand of gear is your favorite? _____
7. What kind of antenna do you have? Dipole, beam, etc. _____
8. What is your favorite band? _____
9. What awards do you have? _____
10. Are you for or against no-code? For
11. Have you taken part in a contest in the last year? _____
12. What power do you routinely use (and band)? _____
13. Which ham radio mags do you subscribe to? _____
14. When you buy gear, where do you buy it from? _____

OTVARC TRAVELERS
by Jerry Mohr, N7KUQ

The next OTVARC Travelers campout will be November 15, 16, and 17 at the Holiday RV Park in Depoe Bay, OR. The Wagonmaster is yours truly, Jerry Mohr. The park is located on the north edge of town and on the west side of Highway 101.

This campout is the last one for 1991, is our Thanksgiving celebration, and is usually our biggest campout. You all are invited to join us. The OTVARC Travelers will furnish the turkey and the ham for the Saturday evening potluck at 5:30 PM. This potluck, unlike our others, is a planned menu. So if you plan to attend, you should sign up to bring something for the meal. Please see me or my wife, Bobbie, KB7DME to sign up at the next OTVARC Club meeting or call us at 646-4027.

One nice thing about this campout is that you don't have to have an RV to attend. The Holiday Surf Motel shares the indoor swimming pool, hot tub, and meeting room with the RV park. So you can stay at the motel and still be a part of our group.

This is nice place for a weekend at the beach to do whale watching, fishing, relaxing and visiting with other OTVARC members. For communications within the vicinity of the RV park use simplex frequency 144.44.

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For those of you who missed it, the October OTVARC campout at Pacific City was well attended with 18 RV units there. Once again we had good weather and a good time. The Wagonmasters, Tom, KA7NAM and Barbara, KA7WTF Bailey did a terrific job.

OTVARC 2 METER TURKEY SHOOT PHONE CONTEST RULES

Date:

Tuesday, November 26, 1991

Time:

8 PM to 9 PM (Only 1 hour)

Frequencies:

144.90 to 145.00 MHz

146.49 to 146.58 MHz

147.42 to 147.57 MHz

Object:

Work as many different stations as possible.

Accumulate the highest possible score.

Promote the spirit of friendly competition.

Encourage new techs to get on the air & participate.

Eligibility:

All licensed Amateur Radio Operators holding a tech license or higher are eligible as control operators. Novices are encouraged to join in helping at multi-operator stations.

Exchange:

Call sign, Name & City. Signal report optional.

Multi-Op:

One transmitter & one receiver at a time.

Score:

One point for each station contacted. No multipliers.

Logs:

Use the log of your choice. (One is provided for you use on page 10).

All logs due at the next meeting on December 11, 1991 or postmarked no later than Dec 12, 1991.

Mail Logs To:

OTVARC CONTEST

P.O. Box 5132

Beaverton, OR 97006

Prize:

A TURKEY SHOOT engraved plaque will be awarded to the winner.

Casual Operation is welcome. Tune up and work your friends or just take time for a few contacts. Casual operators contribute a note of excitement that makes this or any contest more fun and successful.

OTVARC 2 Meter Turkey Shoot Contest Log

Tuesday, November 26, 1991

8:00 P.M. to 9:00 P.M. (local time)

	Call	Name	City		Call	Name	City
1				31			
2				32			
3				33			
4				34			
5				35			
6				36			
7				37			
8				38			
9				39			
10				40			
11				41			
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25				55			
26				56			
27				57			
28				58			
29				59			
30				60			

SCORE:

SeaPac 1992

By Randy Stimpson, KZ7T

SEA-PAC 92 is on the move. The Steering Committee had their first meeting and decided on a meeting night and other aspects of the convention. I put in for Northwest Divisional Status. I went down to Seaside and confirmed meals at the Shilo and the Convention Center.

The Steering committee consists of Jim Schaeffer KB7ADH, Al Berg WB7SIC, Bradley Beach N7NVC and myself as the Co-Directors. The rest of the Steering committee is Susan Benson N7EPE, Hanford Van Ness KE7BB. Doug Brown N7KEJ and Gene Single K7IUN. I know that there are a lot of new hams joining OTVARC and we need your help as well as help from the older members. There are jobs in all the Committees. It takes over 100 people to make it work and any less just puts an additional burden on the people that do help.

So at the club meetings contact any of the people listed above or that are on the following page and we will see to it that there will be a place for you. The meeting night is the First Thursday of the month and the place is the Baptist Church on 2470 SW Roxbury at 7PM. Every one is invited to these meetings. So please come to the meetings and see what goes on behind the scene and we might even get you on a committee.

1992 Sea Pac Ham Convention Committee Members 10/16/91

<u>Position</u>	<u>Name</u>	<u>Call</u>	<u>Phone</u>	<u>Resp. Chair Member</u>
CHAIRMEN	Randy Stimpson	KZ7T	297-1175	
	Jim Schaeffer	KB7ADH	245-2518	
	Al Berg	WB7SIC	640-5456	
	Bradley Beach	N7NVC	645-5232	
Treasurer	<u>Susan Benson</u>	N7EPE	640-1989	KB7ADH
Awards	<u>Susan Benson</u>	N7EPE	640-1989	KB7ADH
Casino Night				KZ7T
Exhibitors	<u>Al Berg</u>	WB7SIC	640-5456	WB7SIC
Exhibit Set Up				N7NVC
Exhibitors Hosp.				KB7ADH
Flea Market				N7NVC
Prize Distr.				WB7SIC
Ladies Program	<u>Betty Mickley</u>	N7REX	642-1284	KB7ADH
Printing / Adver.				N7NVC
Registration	<u>Hanford Van Ness</u>	KE7BB	246-7975	N7NVC
Security	Hoodview A.R.C. <u>Doug Brown</u>	N7KEJ	667-0453	KZ7T
Seminars	Tektronix Employees A.R.C. <u>Gene Single</u>	K7IUN	644-0807	KZ7T
Talk-in Station	<u>John Klein</u> <u>Rex Danton</u>	KA7ICV KA7YK	281-0798 257-9225	KZ7T
V.E. Testing	<u>Randy Cobb</u> <u>Bob Orr</u>	WN7W WF7Q	649-5066 297-2732	KZ7T
Courtesy Bus				KB7ADH

SeaPac Steering Committee members in Bold type
Committee Chairmen underlined

Remember When?

By Alan Churchill, AA7CP

It was one of those times when you say to yourself "What an incredible coincidence". Each Friday the sales department at our company gets together for lunch & jokes. We're a pretty laid back group so when the boss asked if it would be OK to have the chief financial officer come along we said "What the heck". Well, here I am sitting next to this guy, Jack Kloster (our CFO) and we start talking about hobbies. We eventually got around to ham radio and Jack asked "Have you ever heard of Collins Radio"? Heard of it? As a kid, that gear represented the unattainable, the pinnacle, the absolute top of the heap when it came to equipment. I got shudders when I touched a 75A3. "Well", Jack said, "I worked there for 10 years". I could have died. Needless to say, the rest of that lunch hour was taken up hearing about Collins. Here are some excerpts from Jack's stories.

Art Collins was a ham when he was a kid. From his garage in Cedar Rapids, IA he built and operated his station. It was early 1933 when Art was on the air checking out DX. Through his radio came a weak but intelligible station from Antarctica. Now, that's DX. It turned out to be Admiral Byrd who was on an expedition. Art Collins was the only ham that he could get through to from the South Pole.

When Admiral Byrd got home, he made a special trip to Iowa to meet this young radio genius who had built a station so good it could get clear through to the South Pole. What he found was a very intelligent and driven young man. In short order Art found himself in Washington DC being introduced to General Curtis LeMay, a good friend of Admiral Byrd. The General liked this bright, driven workaholic young man and suggested he put his knowledge of radio to use by bidding on military contracts. At that time Art's business was little more than a hobby but he knew his stuff when it came to RF and he rose to the challenge.

The biggest problem Curtis LeMay faced was the need to communicate worldwide at will. Since the normal mode was still A1 with a little A3 (when QRN allowed), he wanted a mode that would allow him to "punch through" the noise and allow him to talk with his fellow generals in "real words", not code. Art Collins sat down with a select group of engineers and many months later introduced Single Sideband to the General and of course the world. This new communication technique allowed the General to talk with anybody he wanted to at 60,000 feet from his B52. The world was a safer place.

Business boomed. By 1957 Collins Radio was doing \$200,000,000 of business worldwide. The plant consisted of a building that covered 11 acres. 11 acres under one roof! One late night Art was working late and needed a midnight snack. Alas, the cafeteria was closed. Not any more! The edict went out: "When the boss wants a sandwich at midnight, the Boss will be able to get one". From then on, all cafeterias in this entire plant (10,000 workers large) were open 24 hours a day.

Art was never a social person. Even though Collins Radio was the largest employer in Iowa, you never saw Art in the social section of the newspaper. He was much more at home in the lab inventing some new gadget. The company had a "Wives of Engineers" club. At one of the meetings it was suggested that (in order to limit the club size) only Professional Engineers wives could be members. Mrs. Collins raised her hand to ask if she would have to resign. Art Collins was self taught. (The motion failed).

By 1964 the company had grown to \$400,000,000 in sales. The ham gear end of the business was never profitable but Art was an avid ham and the word at the plant was "Don't mess with Art's baby". Unfortunately the ham part of the business wasn't the only unprofitable part of the product line and in the early 70s the company was sold to Rockwell International. With the loss of Art, the ham equipment product line was quietly discontinued.

Today, the Collins division of Rockwell is still big business but products such as the 75A4, 32S1, KWM1 and many others are history. We'll all miss them.

OTVARC Board and General Meeting Minutes

OTVARC BOARD MINUTES OCTOBER 2, 1991

- I. Meeting held at Hallmark Inn Restaurant
- II. Absentees - Ken Gilbert (vacation) - Jim Schaeffer (arrived late)
- III. Meeting convened 7:22PM (19:22)
- IV. Notes from Allan Churchill - Newsletter Editor
 - A. Attempting to get more regular advertisers
 - B. Currently
 - 1. Portland Radio
 - 2. Himself
 - C. We will now have to pay for printing
 - 1. Jeff Durr can no longer give us free printing services
 - 2. Print shop in Tigard will do job for \$150 per month
 - 3. Stamping machine wanted - \$15.00
 - 4. Reimbursement for pictures in last newsletter - \$8.00
- V. Motions for newsletter expenses
 - A. Motion to pay for print shop in Tigard to publish newsletter
 - 1. passed unanimously
 - B. Motion to acquire stamp machine
 - 1. passed unanimously
 - C. Motion for photo reimbursement
 - 1. passed unanimously
 - D. Motion to acquire another copy machine for publishing newsletter
 - 1. tabled till later in the meeting after the Ad Hoc committee report
- VI. Bingo income from September
 - A. \$114.00
- VII. Professional fund raising meeting
 - A. Ray Deeth and Ernie Austin both attended
 - B. This function did not really apply to our club
 - 1. mostly for large organizations
- VIII. Non-profit club filing status
 - A. New rules & regulations - need to file if
 - 1. over \$25,000 income
 - 2. over \$50,000 in assets
 - 3. Must then file with IRS - more info later in meeting
- IX. Embroidery shop in Raleigh Hills
 - A. Will supply name & call patches for \$4.00
 - B. Comments made about total cost of jackets and patches, etc.
 - C. Not being able to get all together as before.
- X. Holiday Festival Report - Janet Bell
 - A. Catering - settled on Chicken and Lasagna
 - B. Entertainment - still in the air
 - 1. possibilities:
 - i. Barber shop quartet
 - ii. Story teller
 - iii. Auto-harp soloist
 - iv. Senior Swingers
 - v. Magician
 - 2. Basically allotted \$100-\$150 for entertainment
 - C. Has an overall budget of approximately \$350.00
 - D. Ticket sales - \$8.00
 - 1. Should be available at October General Meeting
 - 2. Newsletter article to be written on ticket sales for November newsletter

- XI. Scholarships
 - A. Need to think about current/future offerings
 - 1. Possibility of two?
 - 2. same/different amounts?
 - B. Will work on this at the next board meeting
- XII. October Program
 - A. KGON backed out this month - should be on tap next month
 - B. Cycle Oregon will show up in October
 - C. Plenty of short subjects also
 - D. Should be a full meeting
- XIII. 146.90 Repeater update - Wess Allen
 - A. Also has an XT motherboard if we need to build a computer for next secretary
- XIV. Meeting Place Committee
 - A. Only two seem to be acceptable out of a list of about 10 sites
 - 1. Washington County Fire Department Training Center - in Aloha
 - 2. P.G.E. at South end of Murray - old location
 - B. Looks like we may get authorization for the Wa. Co. F.D. soon.
- XV. Fall PCC Classes - Report by Ray
 - A. Need a code teacher
 - B. 22 students showed up for first nights class
- XVI. Technical Committee aid/chairman
 - A. Need a newsletter article to help find a replacement for Terry Biggs
 - B. He wants out after so many years of service
 - C. Any suggestions welcomed
- XVII. ArtQuake - new coordinator needed
 - A. Roger McCoy wants out of heading this project
 - B. Will help next year so new coordinator won't be going in cold
 - C. Can we find a replacement in OTVARC?
- XVIII. Contest
 - A. Halloween is not ready for this year
 - B. Instead, we'll have a turkey shoot in November
 - C. 2 Meter simplex contest - happy hour type
- XIX. VE Testing
 - A. November 21 and December 12 at Cedar Park Middle School
- XX. Ad Hoc Committee Report - Pat Griffiths
 - A. Board took time to review the report
 - B. Motion made to accept the report from the committee
 - 1. Passed unanimously
 - C. Will make copies of this available at the October meeting
 - D. Newsletter article on availability of the report to members.
- XXI. Question on the \$25,000 reporting limit for Non Profit organizations
 - A. Is this gross or net
- XXII. Comments from Ernie Austin
 - A. The board meeting location and time should be printed in the newsletter
 - B. Does the board really follow Roberts Rules of Order?
 - 1. (He was interrupted more than once when he had the floor)
- XXIII. Comments from Stan Griffiths
 - A. What is the relationship between Sea-Pac and OTVARC
 - 1. Rumor has it that a non-OTVARC person will be placed on the parent committee for Sea-Pac
 - 2. Is this loss of control of Sea-Pac?
 - 3. Can we do this when Sea-Pac is basically a committee of OTVARC?
 - 4. What are the legalities involved

(Continued on page 14)

(Continued from page 13)

XXIV. Comments from Sue Benson

- A. Should Sea-Pac be officially appointed by the Board?
(for recognition purposes)

XXV. Ray is to call Randy Stimpson to attend the next board meeting to clarify positions.

- A. We also need input from the Sea-Pac meetings/committee to place in the OTVARC minutes
 - 1. To show linkage to Sea-Pac from OTVARC

XXVI. Ad Hoc Report - addendum

- A. Motion made to have the Ad Hoc report placed on the agenda for the January 1992 joint board meeting
 - 1. Passed unanimously

XXVII. Ray

- A. Suggests that the Constitution & By-Laws be given to new members when they join
- B. Also suggested that they be made available at each meeting

XXVIII. Copy Machine Committee

- A. Al Berg
- B. Jim Schaeffer
- C. Recommendation for Newsletter copy machine to be made at next board meeting
 - 1. It is presumed that the machine will pay for itself within a year of purchase
 - 2. The Sea-Pac copier is plenty busy 9 months out of the year doing Sea-Pac business
 - 3. Needs to be readily available for other club purposes as well.
 - 4. Will follow whoever assembles & sends the newsletters or editor.

XXIX. Meeting location recommendations to be in by the next meeting

XXX. Next board meeting to be held again at the Hallmark Inn Restaurant across from the Hillsboro airport.

XXXI. Meeting adjourned 9:36PM (21:36)

OTVARC GENERAL MEETING
October 9, 1991

I. Meeting brought to order 7:05PM (19:05)

II. Introduction of guests present

III. No upgrades announced this month

IV. Club jacket patches - availability

- A. Patch set costs \$4.00
 - 1. Initially Yours
 - 2. 6330 SW Beaverton-Hillsdale Hwy
 - 3. Portland, OR 972214. 292-1769
- B. Contact either
 - 1. Marsha Gilbert (owner)
 - 2. Melinda (assistant)

V. Mini-Program #1 - Home Brew Amps

- A. Courtesy of Stan Griffiths & Judge Milnes

VI. Sea-Pac Report - Sue Benson

- A. Financial Statement from 1991 convention

VII. Break at 7:54

VIII. Meeting reconvened 8:06PM

IX. Washington County Offices - no-code technicians

- A. Presentation to Randy Cobb for getting them their licenses
- B. 6 office personnel received their ham licenses from the classes

X. Randy Stimpson handed out awards

- A. KA7CIV for having testing schedules available for most all nets
- B. WB7FJC received Otvarc's first Elmer Award
 - 1. For arranging the Wash. Co. Ham classes

XI. Mini-Program #2 - Cycle Oregon

- A. Overview of the efforts that went in to handle over 2000 cyclists

XII. Next board meeting

- A. Hallmark Inn - across from Hillsboro Airport

XIII. Ad Hoc Committee Report is available - come get one if you are interested

- A. This is the committee that reviewed club operations and the By-Laws

XIV. Hillsboro Business Festival

- A. Tannasborne Mall - Oct 17, 5-8PM

XV. Wes Allen - assorted subjects

- A. Artquake Request for Aid
 - 1. Roger McCoy wants to pass control of the Hams to someone else.
 - i. He is getting burned out, needs some time off
 - ii. Will help train new personnel & help them through next year
 - 2. Would be nice if OTVARC could find someone to fill this void
- B. 146.90 Repeater update - Wes Allen
 - 1. Have 110 more feet of tower to add to current 50 feet in the air
- C. Meeting Location report
 - 1. Reported on the current progress of the committee
 - 2. Should have full data ready for November board to decide
- D. Club Connectors & HRO
 - 1. Ham Radio Outlet may begin to carry the club power connectors
 - 2. This will provide a second local source for them
 - 3. Not finalized at this time

XVI. Jerry Mohr - RV Report

- A. Campout - October 18-20 at Pacific City Thousand Trails camp ground
- B. November to be held at normal Depoe Bay Holiday Park
 - 1. Non-campers invited to stay at adjacent motel

XVII. Jim Schaeffer

- A. Announced that he had copies of both the club constitution and the Ad Hoc committee report
- B. Diabetes Association needs help

XVIII. Meeting adjourned 9:03PM (21:03)

84 attended the meeting

Next Month at the Meeting:

Be sure to attend our next regular meeting. We will have Larry Holtz as our speaker. The title of the presentation will be "How to Build a Multiuser FM Tower in an Urban Environment". If you want to overcome your fear of heights, come listen to this one!

Upcoming Events

November 2	Upgrade Test Session Mt. Hooc C.C.
November 13	OTVARC Club Meeting
November 15, 16	OTVARC Travelers Campout Depoe Bay Holiday RV Park
November 21	Upgrade Test Session Cedar Park School
November 26	Project Night
December 12	Upgrade Test Session Cedar Park School

The OTVARC NEWSLETTER is published monthly by the Oregon Tualatin Valley Amateur Radio Club, Inc.

The opinions, views and recommendations of its contributors are not necessarily those of the Club, it's officers, advertisers or the Editorial Staff.

Articles or letters may be submitted to:

Alan Churchill, AA7CV, Editor
14145 SW 98 Court
Tigard, Oregon 97224

Deadline for all material is the 20th of the preceding month.

All correspondence other than for this newsletter should be sent to:

Oregon Tualatin Valley Amateur Radio Club
Post Office Box 5132
Aloha, Oregon 97006-0132.

Meetings are held on the second Wednesday of each month.

Advertising Policy

Advertising space is available in this newsletter. This newsletter reaches nearly 250 hams in the Portland area each month and may be a good investment of your advertising dollars. The present rates are:

Full Page	8" X 10"	\$40 / Month or \$400 / Year
Half Page	8" X 5"	\$25 / Month or \$250 / Year
Quarter Page	4" X 5"	\$15 / Month or \$150 / Year
Business Card	2" X 3"	\$ 7 / Month or \$ 70 / Year

Classified ads are no charge to members. To place a display or classified ad, contact Alan Churchill, AA7CV.

OREGON TUALATIN VALLEY AMATEUR RADIO CLUB

Executive Board

Feel free to contact the Board of OTVARC to answer any questions you may have.

President:	Ray Deeth	K7VDQ	324-4502
Vice Pres:	Sue Benson	N7EPE	640-1989
Secretary:	Steve Coan	KA7MOW	646-5271
Treasurer:	Ken Gilbert	WR7D	292-3497
Trustee:	Wes Allen	K7WWG	649-3295
Trustee:	Al Berg	WB7SIC	640-5456
Trustee:	Lynn Hurd	WB7UNU	649-9152
Trustee:	Alan Roehl	KO7B	292-5243
Trustee:	Jim Schaeffer	KB7ADH	245-2518

Other Club Contacts

Club Trailer / Club Equipment / Technical:

Dee Lynch	KA7NPN	646-4580
Terry Biggs	WB7CHK	648-3687

Contests:

John Koenig	NB7W	641-3575
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Health and Welfare:

Al Berg	WB7SIC	640-5456
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Public Service:

Randy Stimson	KZ7T	297-1175
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Newsletter:

Alan Churchill	AA7CV	639-5660
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Project Night:

Terry Biggs	WB7CHK	648-3687
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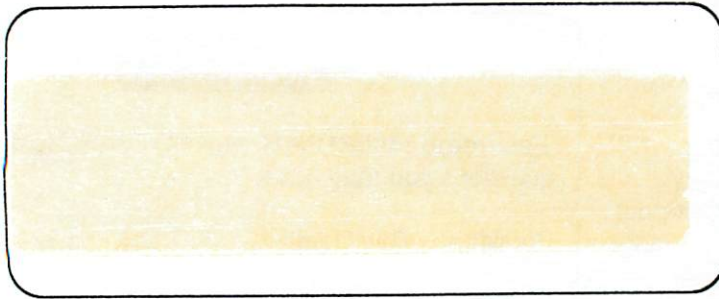
Scholarships:

Pat Griffiths	KA7UFG	649-0837
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Travelers:

Jerry Mohr	N7KUQ	646-4027
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